

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Mueller  
Serial No.: herewith  
Filed: herewith  
For: PRINTED CIRCUIT BOARD WITH IMPROVED COOLING  
OF ELECTRICAL COMPONENT  
Art Unit: Not yet assigned  
Examiner: Not yet assigned  
Confirmation No.: Not yet assigned  
Customer No.: 27,623  
Attorney Docket No.: 20 03 0580-2

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

**XXX** Within three (3) months of the filing date of the national application;

\_\_\_\_\_ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;

\_\_\_\_\_ Before the mailing date of a first Office Action on the merits;

\_\_\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and

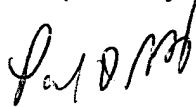
After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).

Filing with RCE Under 37 CFR 1.114.

Also enclosed is a copy of U.S. Patent Nos. 3,484,935; 6,411,516; 5,172,301 and 6,219,243; European Patent Application No. EP 0 907 307; German Patent Nos. DE 42 20 966 and DE 199 16 010, PCT Publication Nos. WO 01/01738 and WO 02/054477 and European Search Report No. EP 03 10 1323.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



March 31, 2004

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CUSTOMER NO.: 27,623

Sheet 1 of 1.

FORM PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

20 03 0580-2

Application Number

NYA

Applicant

Mueller

Filing Date

herewith

Group Art Unit

NYA

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,484,935	12/23/69	Burns	29	628	
	6,411,516	6/25/02	Palumbo et al.	361	704	
	5,172,301	12/15/92	Schneider	361	386	
	6,219,243	4/17/01	Ma et al.	361	704	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 0 907 307	07.04.99	Europe			X	
	DE 42 20 966	13.1.94	Germany				X
	DE 199 16 010	20.4.00	Germany				X
	WO 01/01738	4.01.01	PCT			X	
	WO 02/054477	11.07.02	PCT			X	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Kastner, M., Examiner. European Search Report Application No. EP 03 10 1323 dated September 16, 2003.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.